

## ABSTRACT OF THE DISCLOSURE

A data transmission scheduling system and method, which utilizes the transmission character of a wireless network to schedule data updating and downloading, and to design a customized transmission mechanism. According to the scheduling plan defined by the user in advance, the system triggers a transmission mechanism to complete a data transmission task when a certain schedule condition is detected to be valid. The system is comprised of a starting module, a schedule defining module, a schedule adding module, a schedule removal module, a schedule executing module, a self-adjusting transmission module, and a schedule diary module. The system establishes and executes tasks according to the schedule. Using the disclosed method can avoid network transmission jams to effectively increase data transmission efficiency of the wireless network.